

Date: Sun, 27 Jun 93 04:30:14 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #784
To: Info-Hams

Info-Hams Digest Sun, 27 Jun 93 Volume 93 : Issue 784

Today's Topics:

 ARRL Sections for Field Day
 Daily Solar Geophysical Data Broadcast for 26 June
 Ham Radio Services @ NS.RISC.NET
 Macintosh Ham Software?
 SAREX Update 6/26/93

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 27 Jun 1993 02:14:10 GMT
From: aio!gcreager@ames.arpa
Subject: ARRL Sections for Field Day
To: info-hams@ucsd.edu

And, when I checked with ARRL concerning a FD exchange for the Shuttle crew to
use when operating during Field Day, I was told to tell 'em, "Space" for a
section... Guess we need to get a new SM now!

73, Gerry N5JXS
Co-I SAREX

Date: 27 Jun 93 06:06:29 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 26 June
To: info-hams@ucsd.edu

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!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 177, 06/26/93
10.7 FLUX=122    90-AVG=112        SSN=088        BKI=2411 2323 BAI=010
BGND-XRAY=B4.3    FLU1=1.1E+06  FLU10=4.9E+04  PKI=3311 2223 PAI=009
    BOU-DEV=017,058,008,006,010,021,017,027  DEV-AVG=020 NT    SWF=02:007
    XRAY-MAX= M1.1 @ 0145UT    XRAY-MIN= B3.8 @ 0803UT    XRAY-AVG= B9.6
NEUTN-MAX= +002% @ 1850UT    NEUTN-MIN= -002% @ 0050UT    NEUTN-AVG= +0.0%
    PCA-MAX= +0.3DB @ 1600UT    PCA-MIN= -0.2DB @ 2240UT    PCA-AVG= +0.0DB
BOUTF-MAX=55369NT @ 0054UT    BOUTF-MIN=55328NT @ 1740UT    BOUTF-AVG=55353NT
GOES7-MAX=P:+000NT@ 0000UT    GOES7-MIN=N:+000NT@ 0000UT    G7-AVG=+073,+000,+000
GOES6-MAX=P:+120NT@ 1653UT    GOES6-MIN=N:-080NT@ 0123UT    G6-AVG=+098,-018,-048
    FLUXFCST=STD:125,127,130;SESC:125,127,130 BAI/PAI-FCST=010,010,010/010,010,010
    KFCST=2234 3222 2234 3222 27DAY-AP=006,006 27DAY-KP=2212 2222 2212 2222
WARNINGS=*SWF;*MAJFLR;*PROTON;*PCA
    ALERTS=**MINFLR:M1.1/1N@0145,S10E77(7530);**MINFLR:M1.1/SN@1507,S11E62;
    **PROTNENH
!!END-DATA!!
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NOTE: The Effective Sunspot Number for 25 JUN 93 was 65.0.
 The Full Kp Indices for 25 JUN 93 are: 3- 3+ 4o 4o 3o 3- 2o 3-

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Date: Sun, 27 Jun 1993 05:03:43 GMT
From: multiop.com!phil@uunet.uu.net
Subject: Ham Radio Services @ NS.RISC.NET
To: info-hams@ucsd.edu
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I was looking around the ham radio archives at NS.RISC.NET and look what I stumbled across!

* RISC.NET Ham Radio Server *

RISC.NET has established a series of services which all radio amateurs can access. These services currently include access to the Buckmaster CD ROM public domain files in addition to the Buckmaster callsign database.

Additional information can be obtained by writing to: root@ns.risc.net

This file contains information on:

1. Accessing RISC.NET's callsign database
2. Accessing RISC.NET's public domain shareware database

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1. ACCESSING THE BUCKMASTER CD-ROM CALLSIGN DATABASE
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The Buckmaster Callsign Database is accessed by logging into a special account called "hamradio". From this account, you can access the Buckmaster CD-ROM callsign database (only the US calls at this point, as the international database is encrypted and Buckmaster will not provide the key so we can create a UNIX version of their ICALL.EXE program - if anyone knows how to decrypt this data, please contact us!) or you can TELNET to the Buffalo or NJIT callsign databases.

Procedure:

Telnet or rlogin to "155.212.2.2" (or, "ns.risc.net")
Login with user-id "hamradio". No password is required.

At this point the system is self-explanatory.

2. ACCESSING THE BUCKMASTER CD-ROM PUBLIC DOMAIN SHAREWARE

The Buckmaster PD Software Library can be accessed in one of the following manners: UUCP, FTP, or Mail-based archive server. A complete list of all files available for transfer may be obtained by retrieving file:

!~/ham-radio/mascd.dir

Anonymous UUCP Information:

Telebit Trailblazer Plus Dial-In: 1.401.455.0347
9600 to 300bps v.32/v.42 Dial-In: 1.401.331.3706
ns.risc.net!login: xxcp
Password: xenix

To download a file, issue the following uucp request on your machine:

uucp anomaly!~/ham-radio/files/<filename> yoursite!<to-filename>

All files are stored in /usr/spool/uucppublic/ham-radio/files on RISC.NET's Archive.

Mail-based Archive Server:

To answer the interim demand of people on the Internet who wish access to the ham radio files, we have established a mail-based server which can process requests for files. Note that in order to keep our SMTP connection

from getting bogged down, we only process *5* megabytes worth of software requests PER DAY. Users with alternative means of obtaining files are encouraged to do so.

To receive instructions on how to use the mail-based archive server, send an e-mail message to "snarf@ns.risc.net", with a Subject: of 'snarf' and the following two lines starting in column 1:

```
snarf address [your e-mail address]
snarf help
```

For example:

```
snarf address wb9aaz@gello.pcb.org
snarf help
```

These commands will forward a help file to your reply address. This help file contains all information you require on how to obtain software listings and uuencoded mailings of archive contents.

Note that if you do not have an address line, or you have other errors in the body of your text, you will not get a reply from the server.

Zmodem/Ymodem/Xmodem/Kermit/Sealink:

All files can be accessed from RISC.NET's "bbs" login, for those users without UUCP or FTP access. Validation is required to access the file sections, though, so on your first call leave a note in FEEDBACK stating that you're calling to download from the ham-radio archive, and we'll see that you get an special access account.

FTP Access:

Our IP Address is: 155.212.2.2! Or, for those of you with Nameservers, try "ns.risc.net"! As with our SMTP connection, the number of FTP users we allow on our link is also limited to prevent net-congestion. If you receive an "all ports are currently in use" message, please try again later. Login using anonymous FTP account "ftp", and your e-mail address for a password!

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Date: 26 Jun 93 22:27:50 PDT
From: usc!nic.csu.net!computer_ctr.sonoma.edu!vannuysd@network.UCSD.EDU
Subject: Macintosh Ham Software?
To: info-hams@ucsd.edu

I notice most or all of the software for Ham use seems to assume IBM-compatibility. I have a Mac, however. What do hams with Macs do for packet, satellite work, and so on. I suppose one approach would be to use a program like Soft PC to emulate an IBM and run the software. Anybody doing that with any success? Or are there FTP sites with Mac software for hams?

David Van Nuys
KD6WKT/AE
vannuysd@sonoma.edu

Date: 26 Jun 93 23:27:50 GMT
From: news-mail-gateway@ucsd.edu
Subject: SAREX Update 6/26/93
To: info-hams@ucsd.edu

SB SAREX @ AMSAT \$STS-57.017
SAREX Update 6/26/93 at 22:45 UTC

The SAREX team has been hard at work trying to reschedule the remaining school groups with the Mission Control Team. 2 of the three remaining schools have firm schedules at this time.

We have been working especially hard to ensure that the packet robot is turned on for your use. The packet radio system was turned on to robot mode this morning. Pilot Brian Duffy, N5WQW, sent beacon text which included an apology for not having the packet system on over the past two days. He stated that they have been very busy on the Shuttle and this prevented him from configuring the TNC. Later in the day, the team got reports that the Packet robot was not turned on during a pass over Hawaii. Based on this information, we requested that the packet system be turned on again. As best as we can tell, SAREX should be configured for robot packet ops with a downlink frequency of 145.55 MHz and an uplink of 144.49 MHz. The packet callsign is W5RRR-1.

We have also gotten some reports from hams in the U.S. who have talked to Brian Duffy on voice this morning on 145.55. Remember that the voice uplinks for SAREX are 144.91, 144.93, 144.95, 144.97 and 144.99 except in Europe where the uplink frequencies are 144.70, 144.75 and 144.80.

The SAREX team wishes you the best of luck in making a contact with the Shuttle crew.

Submitted by Frank H. Bauer, KA3HDO for the SAREX Working Group

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End of Info-Hams Digest V93 #784
